WORK SLIP

NAME OF WORK	**: Improvements and Development of School Building at Jalahalli in Ward no 16**
Sanction NO	**:**
Work Order No & Date	**: RPND/EE/Tend/08/2020-21 & 18.12.2020**
Date of commencement	**: 20.07.2021**
Date of completion As per tender	**: 20.07.2022**
Tender time	**: 12 Months**
Estimated Cost	**: 200,00,000.00/-**
Tender amount	**: 183,55,469.00/-**
Agency	**: Sri. (M/s K DAMODAR & CO) CLASS I CONTRACTOR, Malleshwaram, Bangalore**

COMPARISION OF EXPENDITURE WITH THE TENDER AWARD

Item No.	Tender Item No.	Unit	As per BOQ			Executed beyond tender quantity up to 125%			Executed over & above 125% of tender quantity			As per actuals/Anticipated		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount	Amount	Amount	
1	KSRRB M200-12.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete,-wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.KSRRB M200-12.2.-d o -i) Lime/Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. **(Page no. 139: item 18.18 P.W.D. SR-2018-19)**	cum	181.70	665	120830.5	181.70	665.00	120833.26	0.00		0.00	181.70	120833.26	2.76	0.00	
2	KSRRB M200-14.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications,KSRRB M200-14.2. -d o - Dismantling brick/Tile work B. In cement mortar. **(Page no. 139: item 18.23 P.W.D. SR-2018-19)**	cum	197.34	419	82685.46	197.34	419.00	82685.46	0.00		0.00	197.34	82685.46	0.00	0.00	
3	KSRB 200-7.1 : Clearing grass and removal of rubbish by manual means and stacking out side the periphery of the area cleaned as per specifications. MORTH Specification No.201 **(Page no. 138: item 18.10 P.W.D. SR-2018-19)**	HA	0.15	30737	4610.55	0.15	30737.00	4610.55	0.00		0.00	0.15	4610.55	0.00	0.00	
4	KSRB 2-1.1 :Earthwork in surface excavation in Ordinary Soil for Levelling and Lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (Page no. 6: item 2.1 P.W.D. SR-2018-19)	cum	360.00	298	107280	0.00		0.00	0.00		0.00	0.00	0.00	0.00	107280.00	
5	KSRB 2-2.1 **Earth work excavation for foundation of building,** culverts, water supply sanitary lines, and electrical conduits either pits or in trenches 1.5m and above in width, in **Ordinary** not exceeding 1.5m in depth including dressing bottom and sides of pits and trenches, stacking excavated soil clear from edges of excavation with lead up to 50m after breaking of clods complete as per specifications.**(Pg No 6-Item No 2.3 P.W.D. SR-2018-19)**	cum	866.59	357	309372.6	1057.24	357.00	377436.11	0.00	357	0.00	1057.24	377436.11	68063.48	0.00	

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6	KSRB-3.2 : Providing and injecting chemical emulsion for **Pre-constructional Anti-Termite Treatment,** creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications. (Plinth area of the building at ground floor only shall be measured) **(Pg No 10-Item No 3.2 P.W.D. SR-2018-19)**	Sqm	811.32	127	103037.6	1014.15	127.00	128797.05	55.65	123.98	6900.02	1069.80	135697.07	32659.43	0.00	
7	KSRB 4-1.2 Providing and Laying in position plain cement concrete of **Mix 1:3:6** with OPC Cement @180kgs with 40mm down size graded granite metal coarse aggregate 0.85cum and fine aggregate @ 0.57Cum machine mixed concrete laid in layers not exceeding 15cm thick well compacted in foundation, plinth, including cost of materilas, HOM of machineries, curing complete as per specification. **(Issue rate as on date 21-10-19, Item No. 4.2)**	cum	119.55	6297	752806.4	144.48	6297.00	909767.92	0.00		0.00	144.48	909767.92	156961.57	0.00	
8	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of **design mix M25** with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for	cum	164.85	7367	1214450	157.09	7367.00	1157277.61	0.00		0.00	157.09	1157277.61	0.00	57172.34	
9	KSRB 4-6.1 : Providing and removing a **centering,** shuttering, strutting, propping etc.., and removal of form work for a foundation **footing** bases of column for mass concrete including cost of all materials, labours, complete as per specificatons **(Pg No 16-Item No 4.28@ P.W.D SR - 2018-19)**	Sqm	269.40	300	80820	336.75	300.00	101025.00	70.83	301.77	21374.17	407.58	122399.17	41579.17	0.00	
10	KSRB 4.2.7 : **Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs,** with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for **roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc.,** including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. **(Issue rate as on date 21-10-19, Item No. 4.12) Ground Floor**	cum	42.07	7367	309929.7	22.12	7367.00	162946.25	0.00		0.00	22.12	162946.25	0.00	146983.44	
11	KSRB 4.2.7 : **Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs,** with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for	cum	25.12	7438	186842.6	21.20	7438.00	157697.50	0.00		0.00	21.20	157697.50	0.00	29145.06	

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	KSRB 4.2.7 : **Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs**, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for														
12	**roof slabs, staircase, lintes and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc.**, including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. **(Issue rate as on date 21-10-19, Item No. 4.13)For Second Floor**	cum	3.46	7510	25984.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25984.60
13	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pilars, piers, abutments, post and struts, square /rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.No.16, I.No.4.32 of P.W. D.S.R 2018-19) For Ground Floor	Sqm	478.98	545	261044.1	250.32	545.00	136421.68	0.00	0.00	250.32	136421.68	0.00	124622.43	
14	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pilars, piers, abutments, post and struts, square /rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.No.16, I.No.4.32 of P.W. D.S.R 2018-19) For First Floor	Sqm	258.48	552	142681	235.86	552.00	130191.96	0.00	0.00	235.86	130191.96	0.00	12489.00	
15	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pilars, piers, abutments, post and struts, square /rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.No.16, I.No.4.32 of P.W. D.S.R 2018-19) For Second Floor	Sqm	44.80	559	25043.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25043.20	
16	KSRB 4.2.7 : **Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs**, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for **roof slabs, staircase, lintes and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc.**, including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. **(Issue rate as on date 21-10-19, Item No. 4.12)**	cum	28.84	7367	212464.3	32.22	7367.00	237364.74	0.00	0.00	32.22	237364.74	24900.46	0.00	
17	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pilars, piers, abutments, post and struts, square /rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (P.No.16, I.No.4.32 of P.W. D.S.R 2018-19) For Ground Floor	Sqm	283.03	428	121136.8	320.65	428.00	137237.90	0.00	0.00	320.65	137237.90	16101.06	0.00	

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18	Kshs 5.2.3 Providing and constructing girhite /trap/basalt size stone masonry in foundation with cement mortar 1:4 stone hammer dressed in coursesnot less than 20cm high bond stones at two m apart in each course including cost of materials ,labour curing complete as per specification. (Issue rate as on date 21-10-19, Item No. 5.6)	cum	50.37	5522	3107229	70.34	5522.00	388403.68	39.67	5411.85	214693.23	110.01	603066.91	293739.97	0.00	
19	KSRB 5.3.3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones hammer dressed in courses not less than 15 cms high, bond stones at two m apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Issue rate as on date 21-10-19, Item No. 5.9)	cum	21.44	6581	1411066.6	28.80	6581.00	176370.80	59.43	6449.32	383312.39	86.23	559868.19	418598.55	0.00	
20	KSRB-15.2.2 Providing ruled pointing to coursed stone masonry with cement mortar 1:3 , 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials,labour,curing complete as per specification (Issue rate as on date 21-10-19, Item No. 15.8)	Sqm	47.64	59	2810.76	51.98	59.00	3066.91	0.00	59	0.00	51.98	3066.91	256.15	0.00	
21	KSRB 2.3 : Filling available excavated earth (excluded rock)in side of founation upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead up to 50m. And lift up to 1.5m including cost of all labours complete as per specification (page 7 : item 2.10 @ P.W.D SR-2018-19)	cum	582.19	240	139725.6	727.74	240.00	174657.00	387.33	235.10	91060.66	1115.07	265717.66	125592.06	0.00	
22	KSRB 5-14 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.1)	Sqm	646.57	1092	706054.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	706054.44	
	For Ground Floor															
23	KSRB 5-14 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.1)	Sqm	646.13	1134	732711.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	732711.42	
	For First Floor															
24	KSRB 5-14 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.1)	Sqm	171.40	1176	201566.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	201566.40	
	For Second Floor															
25	KSRB 5-14.1 : Providing and constructing percast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.2) For Ground Floor	Sqm	34.43	1141	39284.63	43.04	1141.00	49105.79	701.35	1117.90	784034.94	744.39	833140.73	783856.10	0.00	

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26	KSRB 5.14.1 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (Quarr), jamb closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S.: 2185/1985 in superstructure including cost of materials, labour charges, scaffolding, curing complete as Per specifications. (Issue rate as on date 21-10-19, Item No. 5.27.2) For First Floor	Sqm	26.85	1183	31408.65	33.19	1183.00	39260.81	665.75	1150.83	7714493.91	698.94	810754.73	779346.08	0.00
27	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum. with superplastisser @3lts confirming to IS9103-1999 Reaffirmed-2008. machine mixed. concrete laid in layers not exceeding 15 cms thck. vibrated for all works in ground floor level for roof slabs. staircase. lintes and beams retaining walls. return walls. walls (any thickness) including attached pilasters. columns. pillars. posts.	Cum	1.11	7367	8177.37	0.00		0.00	0.00	0.00	0.00	0.00	0.00	8177.37
28	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum. with superplastisser @3lts confirming to IS9103-1999 Reaffirmed-2008. machine mixed. concrete laid in layers not exceeding 15 cms thck. vibrated for all works in ground floor level for roof slabs. staircase. lintes and beams retaining walls. return walls. walls (any thickness) including attached pilasters. columns. pillars. posts.	Cum	1.30	7438	9669.4	0.00		0.00	0.00	0.00	0.00	0.00	0.00	9669.40
29	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum. with superplastisser @3lts confirming to IS9103-1999 Reaffirmed-2008. machine mixed. concrete laid in layers not exceeding 15 cms thck. vibrated for all works in ground floor level for roof slabs. staircase. lintes and beams retaining walls. return walls. walls (any thickness) including attached pilasters. columns. pillars. posts.	cum	2.97	7367	21879.99	2.83	7367.00	20881.02	0.00	0.00	0.00	2.83	20881.02	0.00	998.97
30	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum. with superplastisser @3lts confirming to IS9103-1999 Reaffirmed-2008. machine mixed. concrete laid in layers not exceeding 15 cms thck. vibrated for all works in ground floor level for roof slabs. staircase. lintes and beams retaining walls. return walls. walls (any thickness) including attached pilasters. columns. pillars. posts.	cum	2.98	7438	22165.24	2.91	7438.00	21628.96	0.00	0.00	0.00	2.91	21628.96	0.00	536.28
31	KSRB 4.2.7 : Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum. with superplastisser @3lts confirming to IS9103-1999 Reaffirmed-2008. machine mixed. concrete laid in layers not exceeding 15 cms thck. vibrated for all works in ground floor level for roof slabs. staircase. lintes and beams retaining walls. return walls. walls (any thickness) including attached pilasters. columns. pillars. posts.	cum	0.25	7510	1877.5	0.00		0.00	0.00	0.00	0.00	0.00	0.00	1877.50
32	KSRB 4.6.7: Providing and removing centering, shuttering, struting, propping etc., an removal of form work for sides and soffits of beams, beam haunchings, cantilever, girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.171 No.4.34 of PWD S.R 2018-19)	Sqm	49.42	349	17247.58	43.46	349.00	15168.24	0.00	0.00	0.00	43.46	15168.24	0.00	2079.34
33	KSRB 4.6.7: Providing and removing centering, shuttering, struting, propping etc., an removal of form work for sides and soffits of beams, beam haunchings, cantilever, girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.171 No.4.34 of PWD S.R 2018-19)	Sqm	50.48	356	17970.88	46.84	356.00	16673.97	0.00	0.00	0.00	46.84	16673.97	0.00	1296.91

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34	KSRB 4-6.7: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides and soffits of beams, beam haunchings, cantilever, girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.17 I.No.4.34 of PWD S.R 2018-19)	Sqm	4.20	363	1524.6	0.00		0.00	0.00		0.00	0.00	0.00	0.00	1524.60	
35	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregates @ 0.0391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1. 4.6. (Issue rate as on date 21-	Sqm	40.86	605	24720.3	31.69	605.00	19173.06	0.00		0.00	31.69	19173.06	0.00	5547.25	
36	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregates @ 0.0391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1. 4.6. (Issue rate as on date 21-	Sqm	43.74	611	26725.14	30.51	611.00	18640.69	0.00		0.00	30.51	18640.69	0.00	8084.45	
37	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.05865cum and fine aggregates @ 0.0391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM finishing, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1. 4.6. (Issue rate as on date 21-	Sqm	2.88	617	1776.96	0.00		0.00	0.00		0.00	0.00	0.00	0.00	1776.96	
38	KSRB 4-6.10: Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No.KBS 4.6.2 (P.No.17, I.No.4.37 of PWD - SR 2018-19) For Ground Floor	Sqm	40.86	386	15771.96	37.74	386.00	14567.64	0.00		0.00	37.74	14567.64	0.00	1204.32	
39	KSRB 4-6.10: Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No.KBS 4.6.2 (P.No.17, I.No.4.37 of PWD - SR 2018-19) For First Floor	Sqm	43.74	393	17189.82	36.30	393.00	14266.88	0.00		0.00	36.30	14266.88	0.00	2922.94	
40	KSRB 4-6.10: Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No.KBS 4.6.2 (P.No.17, I.No.4.37 of PWD - SR 2018-19) For Second Floor	Sqm	2.88	400	1152	0.00		0.00	0.00		0.00	0.00	0.00	0.00	1152.00	
41	Providing and laying cement concrete using 20mm down size granite jelly of ready mixed concrte (RMC) for R.C.C works laid in 15cms thick and well compacted vibrating, curing etc.,including smooth finish cement mortar 1:3,with all lead lifts etc., complete (exclusive of cost of steel and fabrication charges) -Ready mixed cement concrete for Beams,columns,staircase and Roof with M-25 (1:1.5:3)(Cement-320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2) For Ground Floor	Cum	27.30	6713	183264.9	0.00		0.00	0.00		0.00	0.00	0.00	0.00	183264.90	

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	Providing and laying cement concrete using 20mm down size granite jelly												
	of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick and												
	well compacted vibrating, curing etc..including smooth finish cement												
42	mortar 1:3,with all lead lifts etc.. complete (exclusive of cost of steel and												
	fabrication charges) -Ready mixed cement concrete for	Cum	27.30	6713	183264.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	183264.90
	Beams,columns,staircase and Roof with M-25 (1:1.5,3)(Cement-												
	320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2) For First												
	Floor						0.00						
	Providing and laying cement concrete using 20mm down size granite jelly												
	of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick and												
	well compacted vibrating, curing etc..including smooth finish cement												
43	mortar 1:3,with all lead lifts etc.. complete (exclusive of cost of steel and												
	fabrication charges) -Ready mixed cement concrete for	Cum	2.98	6713	20004.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20004.74
	Beams,columns,staircase and Roof with M-25 (1:1.5,3)(Cement-												
	320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2) For												
	Second Floor						0.00						
	KSNB 4.6.7: Providing and removing centering, shuttering, strutting,												
	propping etc.. an removal of form work for sides and soffits of beams,												
	beam haunchings, cantilever, girders, bressumers and lintels not												
44	exceeding 1m in depth including cost of all materials, labour complete as												
	per specifications. Specification No. KBS 4.6.2 (P.No.17, I.No.4.34 of	Sqm	333.41	349	116380.1	354.31	349.00	123653.32	0.00	0.00	354.31	123653.32	7293.23
	PMD S.R 2018-19) For Ground Floor												
	KSNB 4.6.7: Providing and removing centering, shuttering, strutting,												
	propping etc.. an removal of form work for sides and soffits of beams,												
	beam haunchings, cantilever, girders, bressumers and lintels not												
45	exceeding 1m in depth including cost of all materials, labour complete as												
	per specifications. Specification No. KBS 4.6.2 (P.No.17, I.No.4.34 of	Sqm	333.41	356	118694	345.72	356.00	123078.14	0.00	0.00	345.72	123078.14	4332.18
	PMD S.R 2018-19) For First Floor												
	KSNB 4.6.7: Providing and removing centering, shuttering, strutting,												
	propping etc.. an removal of form work for sides and soffits of beams,												
	beam haunchings, cantilever, girders, bressumers and lintels not												
46	exceeding 1m in depth including cost of all materials, labour complete as												
	per specifications. Specification No. KBS 4.6.2 (P.No.17, I.No.4.34 of	Sqm	36.52	363	13256.76	44.84	363.00	16275.11	0.00	0.00	44.84	16275.11	3018.35
	PMD S.R 2018-19) For First Floor												
	Providing and laying cement concrete using 20mm down size granite jelly												
	of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick and												
	well compacted vibrating, curing etc..including smooth finish cement												
47	mortar 1:3,with all lead lifts etc.. complete (exclusive of cost of steel and												
	fabrication charges) -Ready mixed cement concrete for	cum	101.79	6713	683316.3	127.24	6713.00	854145.34	11.19	6578.64	73617.15	138.43	927762.49
	Beams,columns,staircase and Roof with M-25 (1:1.5,3)(Cement-												
	320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2) For												
	Ground Floor												
	Providing and laying cement concrete using 20mm down size granite jelly												
	of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick and												
	well compacted vibrating, curing etc..including smooth finish cement												
48	mortar 1:3,with all lead lifts etc.. complete (exclusive of cost of steel and												
	fabrication charges) -Ready mixed cement concrete for	cum	107.37	6713	720774.8	134.21	6713.00	900868.51	2.89	6578.64	19032.53	137.11	920001.04
	Beams,columns,staircase and Roof with M-25 (1:1.5,3)(Cement-												
	320Kg/cum) (Issue rate as on date 21-10-19, Item No. 4.49.2) For First												
	Floor												

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49	Providing and laying cement concrete using 20mm down size granite jelly) of ready mixed concrete (RMC) for R.C.C works laid in 15cms thick and well cum vibrated including, curing etc...including smooth finish cement mortar 1:3 with an admixture @ 2% by weight of cement (Approved fabrication chargesa) -Roof slabs etc., complete (exclusive of cost of steel and Beams,columns,staircase and Roof with 1:2:4 (1 bag 43kg Cement 0.2Cft(gi/cum) (Issue rate as on date 21-10-19, Item No. 4.40.2) For First Floor	cum	0.83	6713	45640.79	8.54	6713.00	57312.24	8.73	6578.64	57400.28	17.26	1147.12.62	68882.73	0.00
50	KSRB 4.6.3: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for flat surface such as suspended floors,roofs,landings,balconies and likes thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.16, I.No.4.30 of PWD SR 2018-19) For Ground Floor	Sqm	678.60	526	356943.6	667.08	526.00	350882.50	0.00	0.00	667.08	350882.50	0.00	6061.10	
51	KSRB 4.6.3: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for flat surface such as suspended floors,roofs,landings,balconies and likes thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.16, I.No.4.30 of PWD SR 2018-19) For First Floor	Sqm	715.78	526	376500.3	667.52	526.00	351113.15	0.00	0.00	667.52	351113.15	0.00	25387.13	
52	KSRB 4.6.3: Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for flat surface such as suspended floors,roofs,landings,balconies and likes thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.No.16, I.No.4.30 of PWD SR 2018-19) For First Floor	Sqm	45.54	526	23954.04	56.93	526.00	29942.55	20.57	555.81	11433.07	77.50	4137.5.62	17421.58	0.00
53	KSRB 15.3.13 Providing 12mm thick cement plastering in a single coat with cement mortar 1:3 to ceiling including rouding of corner wherever required smooth rendering, providing and removing scaffolding, including cost of materials, Labour, Curing complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.21) For Ground Floor	Sqm	720.00	283	203760	729.02	283.00	206312.86	0.00	0.00	729.02	206312.86	2552.86	0.00	
54	KSRB 15.3.13 Providing 12mm thick cement plastering in a single coat with cement mortar 1:3 to ceiling including rouding of corner wherever required smooth rendering, providing and removing scaffolding, including cost of materials, Labour, Curing complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.21) For First Floor	Sqm	757.18	283	214281.9	772.66	283.00	218664.04	0.00	0.00	772.66	218664.04	4382.10	0.00	
55	KSRB 15.3.13 Providing 12mm thick cement plastering in a single coat with cement mortar 1:3 to ceiling including rouding of corner wherever required smooth rendering, providing and removing scaffolding, including cost of materials, Labour, Curing complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.21) For Second Floor	Sqm	22.77	283	6443.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6443.91	
56	KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (page no. 34, Item no.7.9 PWD-S.R 2018-19) For Ground Floor	Kg	1634.85	114	186372.9	1387.26	114.00	158147.64	0.00	0.00	1387.26	158147.64	0.00	28225.26	

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	KSRB 7.9 : Providing and fixing M.S. grill work for windows and														
57	ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No: KBS 7.12 (page no. 34 Item no.7.9 PWD-S.R 2018-19)	Kg	1729.35	114	197145.9	1360.80	155131.20	0.00	0.00	1360.80	155131.20	0.00	43014.70		
58	KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No: KBS 7.12 (page no. 34 Item no.7.9 PWD-S.R 2018-19) For Ground Floor	Kg	113.40	114	12927.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12927.60		
59	KSRB15-3.6 : Providing 15 mm thick cement plaster in single coat with Cement Mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete. (Issue rate as on date 21-10-19. Item No. 15.14) (INSIDE) For First Floor	Sqm	1319.70	251	331244.7	1326.76	251.00	333016.76	0.00	0.00	1326.76	333016.76	1772.06	0.00	
60	KSRB15-3.6 : Providing 15 mm thick cement plaster in single coat with Cement Mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete. (Issue rate as on date 21-10-19. Item No. 15.14) (INSIDE) For Second Floor	Sqm	1329.58	258	343031.6	1314.62	258.00	339172.99	0.00	0.00	1314.62	339172.99	0.00	3858.65	
61	KSRB15-3.6 : Providing 15 mm thick cement plaster in single coat with Cement Mortar 1:6 to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete. (Issue rate as on date 21-10-19. Item No. 15.14) (INSIDE) For Second Floor	Sqm	198.73	265	52653.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	52653.45		
62	KSRB 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no.117, Item no.15.33 S.R 2018-19) For First Floor	Sqm	1319.70	39	51468.3	1326.76	39.00	51743.64	0.00	0.00	1326.76	51743.64	275.34	0.00	
63	KSRB 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no.117, Item no.15.33 S.R 2018-19) For First Floor	Sqm	1329.58	46	61160.68	1314.62	46.00	60472.70	0.00	0.00	1314.62	60472.70	0.00	687.98	
64	KSRB 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no.117, Item no.15.33 S.R 2018-19) For Second Floor	Sqm	198.73	53	10532.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10532.69		
65	KSRB-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of all materials, labours, curing, complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.16)(outer) For Ground Floor	Sqm	343.88	315	108322.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	108322.20		

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66	KSR&-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding including cost of all materials, labours, curing, complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.16)(outer)	Sqm	320.69	315	101017.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	101017.35
	For First Floor															
67	KSR&-15.3.8 Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding including cost of all materials, labours, curing, complete as per specification. (Issue rate as on date 21-10-19, Item No. 15.16)(outer)	Sqm	203.71	315	64168.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64168.65
	For Second Floor															
68	KSR& 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no 117, item no 15.33 S.R 2018-19) For First Floor	Sqm	343.88	39	13411.32	429.85	39.00	16764.15	299.17	37.43	11197.50	729.02	27961.65	14550.33	0.00	
69	KSR& 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no 117, item no 15.33 S.R 2018-19) For First Floor	Sqm	320.69	39	12506.91	400.86	39.00	15633.64	371.80	37.43	13915.98	772.66	29549.62	17042.71	0.00	
70	KSR& 15-7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (page no 117, item no 15.33 S.R 2018-19) For Second Floor	Sqm	203.71	39	7944.69	0.00		0.00	0.00		0.00	0.00	0.00	0.00	7944.69	
71	KSR& 4.9.2: Providing T.M.T steel reinforcement for R.C.C work, including straightening, cutting, bending, hooking, placing in position, tapping end / or welding wherever required, tying with binding wire and achoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KSS (P.No. 18) No.4.46.2 of PWD SR 2016-19)	Tonne	56.46	76596	4324610	70.57	76596.00	5405631.95			0.00	70.57	5405631.95	1081021.79	0.00	
72	Providing and applying two coats of wall putty to inside plaster walls and ceiling using white cement putty. Scapping and leveling the syurface using steel blade and preparing the surface even and smooth by using different grade, sand papers including cost of all materials, cost of labour, scaffolding etc... complete as per specification (page no 128 - item No 15.106 PWD SR -2016-19) For Ground Floor	Sqm	1319.70	94	124051.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124051.80	
73	Providing and applying two coats of wall putty to inside plaster walls and ceiling using white cement putty. Scapping and leveling the syurface using steel blade and preparing the surface even and smooth by using different grade, sand papers including cost of all materials, cost of labour, scaffolding etc... complete as per specification (page no 128 - item No 15.106 PWD SR -2016-19) For First Floor	Sqm	1329.58	94	124980.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124980.52	
74	Providing and applying two coats of wall putty to inside plaster walls and ceiling using white cement putty. Scapping and leveling the syurface using steel blade and preparing the surface even and smooth by using different grade, sand papers including cost of all materials, cost of labour, scaffolding etc... complete as per specification (page no 128 - item No 15.106 PWD SR -2016-19) For Second Floor	Sqm	198.73	94	18680.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18680.62	

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75	Providing textured paint of approved quality, colour and shade to wall surface after cleaning and rubbing the wall surface with wire brush of medium size emery stone to remove all the loosely adhering particles, dust, efflorescence, etc. The surface is then washed with water and allowed to dry. The surface is then cleaned with water and ensured that it is clean, even and free from dust, oil & grease. Then a primer coat of acrylic primer is applied uniformly to the surface and allowed to dry for 24 hrs. Then a coat of textured material is then mixed with the required quantity of water and the slurry is left for 5-10 min. to react completely with ingredients. The textured finish prepared as above is then applied to the wall surface with suitable roller/spray machine uniformly to the required depth. The finished surface. KSRB 13-11: Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labhour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) (PWD-SR 2018-19, P-96, I-13.78)	Sqm	232.60	524	121830	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	121830.00
76		Sqm	2.00	8149	16298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16298.00
77	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete. (PWD-SR 2018-19, P-53, I-9.11) For Ground Floor	cum	0.83	104547	86774.01	0.80	104547.00	83905.24	0.00	0.00	0.80	83905.24	0.00	2868.77	
78	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete. (PWD-SR 2018-19, P-53, I-9.11) For Ground Floor	cum	0.83	104547	86774.01	0.73	104547.00	76277.49	0.00	0.00	0.73	76277.49	0.00	10496.52	
79	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete. (PWD-SR 2018-19, P-53, I-9.11) For Second Floor	cum	0.16	104547	16727.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16727.52	
80	KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for door,styles and rails of 30mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials,labhour, HOM of machineries complete .(excluding cost of fixtures). (PWD-SR 2018-19, P-54, I-9.21) For Ground Floor	Sqm	25.20	5117	128948.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128948.40	
81	KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for door,styles and rails of 30mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials,labhour, HOM of machineries complete .(excluding cost of fixtures). (PWD-SR 2018-19, P-54, I-9.21) For First Floor	Sqm	25.20	5117	128948.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128948.40	
82	KSRB 9-7.2 : Providing and fixing in position fully panelled Honne wood shutters for door,styles and rails of 30mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials,labhour, HOM of machineries complete .(excluding cost of fixtures). (PWD-SR 2018-19, P-54, I-9.21) For Second Floor	Sqm	5.04	5117	25789.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25789.68	

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83	Glass Chopped Strand Mat (CSM) U.V. stabilized Isophthlic Gelcoat and 2.0mm Thick. The thickness of the GRP Skin shall not be less than with polyester resin. The thickness of the skins shall not be stripped in and are joined together while in the mould. The segments are shall be provided with wooden reinforcements made of seasoned Sakwood and fixing 60mm X 125mm GRP Door frame fabricated using E-Glass	57.00	657	37449	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37449.00
84	Providing and fixing factory made single leaf, rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins and on layer of 45 gsm E-glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.2mm Expanded Polystyrene (EPS) structural foam panel of 20kg/m3 density and a density of 20Kg/m3 shall be used as core material Wooden reinforcements made of seasoned Sakwood block of cross	7.88	3581	28218.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28218.28
85	Providing and fixing factory made single leaf, rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V stabilized Isophthlic Gelcoat and on layer of 45 gsm E-glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.2mm Expanded Polystyrene (EPS) structural foam panel of 20kg/m3 density and a density of 20Kg/m3 shall be used as core material Wooden reinforcements made of seasoned Sakwood block of cross	7.88	3585	28249.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28249.80
86	KSHB 7:1 Providing & fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx2mm size, with top and bottom rails of T iron sections of 40x40x6mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5 cms openings at 10 cms C to C applying a priming coat of red lead paint. Cost of materials, labour, HOM of machinery complete as per specifications. (PWD-SR 2018-19 P.33 (No.7.1)	4.50	6218	27981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27981.00
87	KSHB 15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadoning works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete. (Issue rate as on date 21-10-19, Item No. 15.30) For Ground Floor	55.12	248	13669.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13669.76
88	KSHB 15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4, to brick masonry for base of dadoning works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete. (Issue rate as on date 21-10-19, Item No. 15.30) For First Floor	61.95	248	15363.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15363.60
89	Providing and filling in foundation / below flooring with granite / trap broken metal 100mm and down size with approved quality sand including hand packing, ramming, watering, including the cost of all materials and labour with all lead and lift complete (PWD-SR 2018-19, P.7 (No.2.15)	67.50	2899	195682.5	76.63	2899.00	222136.92	0.00	2899	0.00	76.63	222136.92	2854.42	0.00	
90	Providing and applying enamel metal paint in two coats (Excluding priming coat) over new steel or other metal surface including preparing the surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter including cost of all materials , labour, complete as per specifications. (PWD-SR 2018-19, P.123 (No.16.74)	170.10	114	19391.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19391.40

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	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01) 100 to 150m	Rmt	50.00	604	28200	50.00	504.00	25200.00	0.00	0.00	50.00	25200.00	0.00	0.00		
98	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01) 150 to 200m	Rmt	50.00	593	29650	50.00	593.00	29650.00	0.00	0.00	50.00	29650.00	0.00	0.00		
99	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01) 200 to 250m	Rmt	50.00	701	35050	50.00	701.00	35050.00	0.00	0.00	50.00	35050.00	0.00	0.00		
100	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01) 250 to 300m	Rmt	50.00	774	38700	50.00	774.00	38700.00	0.00	0.00	50.00	38700.00	0.00	0.00		
101	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01) 300 to 350m	Rmt	50.00	912	45600	50.00	912.00	45600.00	0.00	0.00	50.00	45600.00	0.00	0.00		
102	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01) 350m	Rmt	50.00	995	49750	50.00	995.00	49750.00	0.00	0.00	50.00	49750.00	0.00	0.00		
103	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum															

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104	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour .(excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 lt.13.01) 400 to 420m	Rmt	20.00	1248	24960	20.00	1248.00	24960.00	0.00		0.00	20.00	24960.00	0.00	0.00	
105	Provkding and fixing 250mm dia PVC (casing pipe) (page no.XXXI, SL no 909) (KPWD SR 2016-17)	Rmt	12.00	2873	34476	12.00	2873.00	34476.00	0.00		0.00	12.00	34476.00	0.00	0.00	
106	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty. (Page No.III,It no.84)PRED SR 2012-13	Rmt	50.00	1465	73250	50.00	1465.00	73250.00	0.00		0.00	50.00	73250.00	0.00	0.00	
107	Providing 175mm Dia M.S. Collar (P.No.iii,I.No.86) PRED SR 2012-13	Nos	8.33	166	1382.78	8.00	166.00	1328.00	0.00		0.00	8.00	1328.00	0.00	54.78	
108	Providing 175mm dia Bore Cap CE (M) (P.No.iii,I.No.85) PRED SR 2012-13	Nos	1.00	111	111	1.00	111.00	111.00	0.00		0.00	1.00	111.00	0.00	0.00	
109	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) (Pg No. XLI. Sl.no.29) KPWD SR-2018-19	Nos	1.00	55201	55201	1.00	55201.00	55201.00	0.00		0.00	1.00	55201.00	0.00	0.00	
110	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. Specification No. KBS 13.2.14/13.6 (page no.92/lt no.13.15)KPWD SR 2018-19.	Rmt	370.00	455	168350	370.00	455.00	168350.00	0.00		0.00	370.00	168350.00	0.00	0.00	
111	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq mm (PWD Ele SR 2014-15,P-12/lt-2.10.3)	Rmt	750.00	141	105750	750.00	141.00	105750.00	0.00		0.00	750.00	105750.00	0.00	0.00	
112	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications.(PWD SR 18-19,P-95/lt no.13.62)	Nos	1.00	1487	1487	1.00	1487.00	1487.00	0.00		0.00	1.00	1487.00	0.00	0.00	
113	Spplying and fixing 50mm GI Union.(PWD SR 2018-19,P-XXXIX)	Nos	1.00	248	248	1.00	248.00	248.00	0.00		0.00	1.00	248.00	0.00	0.00	
114	Spplying and fixing 50mm GI Elbow.(PWD SR 2018-19,P-XXXIX)	Nos	1.00	124	124	1.00	124.00	124.00	0.00		0.00	1.00	124.00	0.00	0.00	
115	Spplying and fixing 50mm GI Nipple.(PWD SR 2018-19,P-XXXIX)	Nos	1.00	116	116	1.00	116.00	116.00	0.00		0.00	1.00	116.00	0.00	0.00	
116	Spplying and fixing 50mm GI Hose colleres(PWD SR 2018-19,P-XXXIX)	Nos	62.00	114	7068	62.00	114.00	7068.00	0.00		0.00	62.00	7068.00	0.00	0.00	

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117	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P.no.44 / I no. 6.6.6 KPWD ELE SR 2019-20	Nos	1.00	334	334	1.00	334.00	334.00	0.00		0.00	1.00	334.00	0.00	0.00	
118	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.(PWD Ele SR 2019-20,P-47/Sl no.6.16.6) 40-63 Amps	Nos	1.00	2140	2140	1.00	2140.00	2140.00	0.00		0.00	1.00	2140.00	0.00	0.00	
119	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps (PWD Ele SR 2019-20,P-24,It-5.5.1)	Nos	1.00	1989	1989	1.00	1989.00	1989.00	0.00		0.00	1.00	1989.00	0.00	0.00	
120	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC(PWD Ele SR 2019-20,p-29,Sl no.5.38)	Nos	1.00	476	476	1.00	476.00	476.00	0.00		0.00	1.00	476.00	0.00	0.00	
121	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HP(PWD Ele SR 2019-20,p-24,Sl no.-5.2.1)	Nos	1.00	7072	7072	1.00	7072.00	7072.00	0.00		0.00	1.00	7072.00	0.00	0.00	
122	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities.(PWD Ele SR 2019-20,p-44/Sl no.5.3)	Nos	1.00	824	824	1.00	824.00	824.00	0.00		0.00	1.00	824.00	0.00	0.00	
123	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm (PWD Ele SR 2019-20,p-6,It-2.3.4(d)	Mtrs	20.00	50	1000	20.00	50.00	1000.00	0.00		0.00	20.00	1000.00	0.00	0.00	
124	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery.(PWD Ele SR 2019-20,p-29/Sl no.5.37)	Nos	4.00	442	1768	4.00	442.00	1768.00	0.00		0.00	4.00	1768.00	0.00	0.00	
125	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia (PWD Ele SR 2019-20,p-40,Sl no.6.1)	Nos	1.00	3315	3315	1.00	3315.00	3315.00	0.00		0.00	1.00	3315.00	0.00	0.00	
126	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete (PWD Ele SR 2019-20,p-41,It-6.6.2) hard soil	Mtrs	8.00	113	904	8.00	113.00	904.00	0.00		0.00	8.00	904.00	0.00	0.00	
127	Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (excep 2cx 10 sqmm wire armoured) confirming to IS-3975:1990 (No. of strip indicated in GTP) and extruded PVC outer sheathed armoured cable with specified IS-1554,part-1:1988 and confirming to the attached GTP of group A 4 core 16 sq mm PWD Ele SR 2019-20,p-40,It-6.4.4)	Mtrs	10.00	166	1660	10.00	166.00	1660.00	0.00		0.00	10.00	1660.00	0.00	0.00	

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128	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mm(PWD Ele SR 2019-20,p-41,It-6.5.1)	Nos	25.00	14	350	25.00	14.00	350.00	0.00		0.00	25.00	350.00	0.00	0.00	
129	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm(PWD Ele SR 2019-20,p-41,It-6.9.1)	Rmt	2.00	371	742	2.00	371.00	742.00	0.00		0.00	2.00	742.00	0.00	0.00	
130	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm as per specifications.(PWD Ele SR 2019-20,p-42,It-6.10.2)	Nos	1.00	299	299	1.00	299.00	299.00	0.00		0.00	1.00	299.00	0.00	0.00	
131	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 amps(PWD Ele SR 2019-20,p-25,It-5.7.3)	Nos	3.00	251	753	3.00	251.00	753.00	0.00		0.00	3.00	753.00	0.00	0.00	
132	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (KPWD SR 2018-19, P-140, It 18.47)	Cum	16.02	1053	16869.06	0.00	1053.00	0.00	0.00		0.00	0.00	0.00	0.00	16869.06	
133	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 (KPWD SR 2018-19, P-6, It-2.4)	Cum	24.03	526	12639.78	0.00	526.00	0.00	0.00		0.00	0.00	0.00	0.00	12639.78	
134	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes (KPWD SR 2018-19, P-99, It-13.87.6)	Mtrs	78.00	507	39546	0.00	507.00	0.00	0.00		0.00	0.00	0.00	0.00	39546.00	
135	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments complete as per specifications. (P.No.93/ I.No. 13.20 of KPWD SR 2018-19)	Each	10.00	566	5660	0.00	566.00	0.00	0.00		0.00	0.00	0.00	0.00	5660.00	
136	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes (KPWD SR 2018-19, P-98, It-13.85.2)	Mtrs	110.00	184	20240	0.00	184.00	0.00	0.00		0.00	0.00	0.00	0.00	20240.00	

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142	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.3 of KPWD SR 2018-19)	cum	12.02	5976.00	71831.52		0.00	5976.00	0.00	0.00		0.00	0.00	0.00	0.00	71831.52	
	TOTAL A				18355469.13				15734408.22	0.00		2459465.75		18193873.97	4443391.56	4604986.72	

Percentage excess over the Tender Amount =

workslip Amount / Tender Amount — 4443391.56 / 18355469.13 x100 = ~~13.47~~ 24.20%

Percentage excess over the Sanctioned Estimate =

workslip Amount / Estimate Cost — 2459465.75 / 20000000.00 x100 = 12.30

Assistant Engineer
Ward No-16,
BBMP

Assistant Executive Engineer
Yeshwanthapura Sub-Division
BBMP

Executive Engineer
Rajarajeshwari Nagara Division
BBMP

"Here by workslip amount Rs: 4443391/- [Rs Forty four lakhs forty three thousand threehundred ninty one only] is approved"

Workslip is approved

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ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ವಲಯ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾ.

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